

# Notice of Allowability

Application No.

09/899,687

Examiner

Jerome Grant II

Applicant(s)

ROZZI, WILLIAM A.

Art Unit

2626

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4-25-2005.
2. ☒ The allowed claim(s) is/are 1,3,4,6-25,27,28,30,32,34,35,37 and 39.
3. ☒ The drawings filed on 05 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 7-7-2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

JEROME GRANT II  
PRIMARY EXAMINER

### **Examiner's Amendment**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Atty. K.P. Fitzgerald on July 5, 2005.

In the claims:

Claim 39 (Currently Amended by the Examiner) : A method of reducing ink coverage for a halftone printing device comprising:

generating a monochromatic halftone bit map of a channel of a color image to be printed by the halftone printing device; and

applying a bit map filter to the monochromatic halftone bit map to generate a filtered bit map for the halftone printing device by passing a target glyph over the monochromatic halftone bit map, comparing the target glyph to a number of subsets of bits in the monochromatic halftone bit map, and replacing a particular subset of bits with a thinned glyph when the target glyph matches the particular subset of bits, wherein applying the bit map filter begins prior to finalizing the generating of the monochromatic halftone bit map.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Fri. from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams, can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant II

JEROME GRANT II  
PRIMARY EXAMINER



### **Reasons for Allowance**

**Claims 1, 3, 4, 6-19 are allowed for the reason the prior art does not teach or suggest in claimed combination, "... wherein applying the filter comprises comparing a target glyph to a subset of bits of the monochromatic halftone bit map, and replacing the subset of bits with a thinned glyph if the target glyph matches the subset of bits."**

**Claims 20-24 are allowed for the reason the prior art does not teach replacing the subset of bits within the halftone bit map with a thinned glyph if the target glyph matches the subset of bits to generate a filtered halftone bit map for the inkjet printer.**

**Claim 25 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... wherein applying the filter comprises comparing a target glyph to a subset of bits of the monochromatic halftone bit map, and replacing subset of bits with a thinned glyph if the target glyph matches the subset of bits. "**

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**Claim 27 is allowed for the reason the prior art does not teach replacing the subset of bits within the halftone bit map with a thinned glyph if the target glyph matches the subset of bits to generated a filtered bit map for the inkjet printer.**

**Claims 28, 30 and 32 are allowed for the reason the prior art does not teach replacing a particular subset of bits with the thinned glyph whenever the target glyph matches the particular subset of bits to generate the filtered bit map.**

**Claims 34, 35 and 37 are allowed for the reason the prior art does not teach or suggest, "... and replaces the subset of bits within the bit map with the thinned glyph if the target glyph matches the subset of bits to generate a filtered bit map for the inkjet printer."**

**Claim 39 is allowed for the reason the prior art does not teach replacing a particular subset of bits with a thinned glyph when the target glyph matches the particular subset of bits, wherein applying the bit map filter begins prior to finalizing the generating of the monochromatic halftone bit map.**

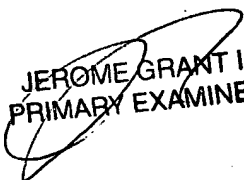
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**J. Grant II**

  
JEROME GRANT II  
PRIMARY EXAMINER